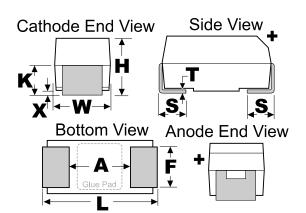
## KEMET Part Number: T525T476M006ATE080



Tantalum, Polymer Tantalum, T525, 47 uF, 20%, 6.3 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 80 mOhms, Height Max = 1.2mm



Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.1mm +/-0.1mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	1.9mm MIN
Х	0.05mm REF

Packaging Specifications		
Weight:	54.84 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2500	

General Information		
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Series:	T525	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	80 mOhms (100kHz 25C)
Current:	1100 mAmps (100kHz 45C), 770 mAmps (85C), 275 mAmps (125C)
Leakage Current:	29.6 uA (5min 25C)

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